

University of Manitoba

Price Faculty of Engineering

Centre for Engineering Professional Practice and Engineering Education

Instructor I or II – Engineering Education

Position # 35511

Anticipated Start Date: July 1, 2025

The **Centre for Engineering Professional Practice and Engineering Education** at the University of Manitoba invites applications for a Faculty position at the rank of Instructor I or II. This position will support the teaching capacity for professional practice courses which are core courses in all five undergraduate engineering programs in the Price Faculty of Engineering. Applicants must have experience in engineering economics and either the impact of engineering and technology on society and the environment, or engineering communication, with a strong commitment to engineering education and pedagogy. Salary and rank will be commensurate with experience and qualifications.

The successful candidate will be expected to teach the technical and professional engineering curriculum at the undergraduate level and provide service to the Price Faculty of Engineering, the University of Manitoba, and professional communities.

Qualifications:

Applicants must hold a graduate degree (Master's or its equivalent) in a discipline relevant to Engineering Education that prepares them to teach engineering professional practice courses. Applicants with the ability to teach other technical engineering courses as well as engineering design courses are preferred. Appointments at the rank of Instructor I require a Master's degree or its equivalent and appointment to the rank of Instructor II are restricted to those who hold a Master's degree or its equivalent and who have 5 or more years' experience in a university or equivalent position.

Applicants eligible for registration with Engineers Geoscientists Manitoba who hold an undergraduate degree in engineering from a Canadian Engineering Accreditation Board (CEAB) accredited program and have experience in engineering practice are preferred. In that case, the applicant will be encouraged to register or pursue registration as an Intern or P.Eng., as appropriate.

Applicants must possess excellent communication skills, both verbal and written, in the English language. Three or more years' teaching experience in a post-secondary environment preferred. Experience in accreditation of engineering programs, and with the development and implementation of processes and tools to evaluate and document student learning in the CEAB graduate attributes preferred.

Department & University Description:

The Centre for Engineering Professional Practice and Engineering Education is a teaching and research center. It comprises the Centre Director and Associate Dean (Design Education), six academic staff, eight Engineers-in-Residence, three support staff, over 20 additional members, plus graduate students and research assistants. Centre members are involved in engineering education research, draw on the

scholarship of teaching and learning in engineering, and collaborate with departments in the Price Faculty of Engineering and industry partners in developing and delivering professional practice and design curricula. The Centre, in collaboration with the Department of Biosystems Engineering, offers opportunities for graduate-level study in engineering education through the new Graduate Specialization in Engineering Education. For more information, please visit our website.

<https://umanitoba.ca/engineering/centre>

The University of Manitoba is a driving force of innovation, discovery, and advancement. Our momentum is propelled by our campus community – UM faculty, staff, and students whose determination and curiosity shape our world for the better. Our teaching, learning, and work environment is uniquely strengthened and enriched by Indigenous perspectives. With two main campuses in Winnipeg, satellite campuses throughout Manitoba, and worldwide research, UM's impact is global.

Discover outstanding employee benefits, experience world-class facilities, and join a dynamic community that values reconciliation, sustainability, diversity, and inclusion. We are one of Manitoba's Top Employers and one of Canada's Best Diversity Employers. At the University of Manitoba, what inspires you can change everything.

The City of Winnipeg (www.tourismwinnipeg.com), located where the Red and Assiniboine Rivers meet, is recognized for its vibrant, multicultural community and diverse culture. The city, with a growing population of more than 766,000, is home to internationally renowned festivals, galleries, and museums, the historic Exchange District and The Forks, and ever-expanding research, education, and business sectors. From the Hudson Bay waters, across the farmland fields, to the pulse of the cities and towns, The Province of Manitoba's (www.travelmanitoba.com) people and places – its 100,000 lakes, 92 provincial parks, winding river valleys, and storied prairie skies – inspire.

Application Process:

Applications will be accepted until the position is filled; however, the Committee will begin to review applications on February 15, 2025.

The University of Manitoba is committed to the principles of equity, diversity, and inclusion and to promoting opportunities in hiring, promotion, and tenure (where applicable) for systemically marginalized groups who have been excluded from full participation at the University and the larger community including Indigenous Peoples, women, racialized persons, persons with disabilities, and those who identify as 2SLGBTQIA+ (Two-Spirit, lesbian, gay, bisexual, trans, queer and/or questioning, intersex, asexual and other diverse sexual identities). All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

If you require accommodation support during the recruitment process, please contact UM.Accommodation@umanitoba.ca or 204-474-7195. Please note this contact information is for accommodation reasons only.

Application materials, including letters of reference, will be handled in accordance with the protection of privacy provision of *The Freedom of Information and Protection of Privacy Act* (Manitoba) and may be provided to participating members of the search process.

Applications should address the general qualifications and include the following:

- Cover letter with a concise summary of qualifications and personal statement of suitability for the position;
- Complete curriculum vitae;

- A one to two-page statement of teaching philosophy;
- A one-page statement describing specific qualifications, experiences, and future commitment related to equity, diversity, and inclusion principles ([office-equity-transformation](#)), as well as Indigenous Knowledge and perspectives (<https://umanitoba.ca/indigenous/>); and

Shortlisted candidates will be asked to provide a teaching dossier up to a maximum of 15 pages including a one-page teaching philosophy, evidence of teaching performance, and examples of teaching materials (see sample teaching [dossier](#) for content examples) as well as names and contact information of three referees.

Please apply via email, referencing **Position Number 35511** to:

Paul Labossiere, P.Eng, Ph.D.

Associate Dean (Design Education) and Director, Centre for Engineering Professional Practice & Engineering Education

c/o Flor Toribio

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